

AVA BARZEGAR

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[LinkedIn](#) [Github](#) [Portfolio](#)

EDUCATION

Computer Programming Diploma

Expected October 2025

Algonquin College, Ottawa, On.

- **GPA: 3.7 / 4.0**
- Coursework: Object Oriented Java and Design Pattern - Web programming (HTML, CSS, JavaScript, PHP) – Relational Database (SQL) - Operating Systems (Linux, Windows) - Network Programming – System Analysis (Agile and Test Methodologies) - Mobile Programming

Associate of Software Engineering

2020 - 2023

Azad Shiraz University, Shiraz, Iran

- Coursework: C++ and Java - Algorithms - System Design and Analysis - Data Structure

SUMMARY OF QUALIFICATIONS

Programming Languages: Java, JavaScript, JSON, PHP, Bash Scripting, Python

Web Development: HTML, CSS, Bootstrap, jQuery, React.js, Redux, Material UI, TypeScript

Database Management: SQL, MS Access, MS SSMS, MySQL, Oracle, Workbench, Postgres, Postman

Tools and Technologies: JUnit testing, Git, VS Code, Eclipse, NetBeans, Xampp, VIM, Javadoc, Agile, SDLC, RUP, RAD

MS Suite: Excel, Word, PowerPoint

Operating Systems: Linux, Mac, Windows

Additional Skills: Problem-solving, Self-learning, Debugging, Strong Communication, Teamwork

ACADEMIC PROJECTS

Marketplace Web Application (HTML – CSS – JavaScript – SQL – PHP)

- Developed a database to manage content CRUD operations via the website
- Collaborated within a team, utilizing Git for version control
- Enabled efficient content search and filtering for users
- Implemented user registration forms for new user sign-ups
- Stored user information securely in a database
- Implemented client-side form validation using JavaScript and DOM manipulation

Book Store Inventory System (SQL – Oracle – MS Access)

- Successfully created a database in Oracle using SQL
- Implemented triggers and procedures for handling insertions, updates, and deletions
- Designed forms and reports to showcase database functionalities

Electronic health records (OOP Java, Junit testing, Eclipse)

- Developed a system for sharing patient health records among healthcare providers
- Implemented over 8 classes and instantiated objects within the driver class
- Conducted JUnit testing and documented each method with Javadoc

PERSONAL PROJECTS

Portfolio Web Application (HTML – CSS – Javascript – SQL - PHP)

- Developed a responsive portfolio website.
- Established a user database and executed sending requests to the database.
- Implemented form functionality to enable user login and message submission.

BookStore Web Application (HTML – CSS - React Js – Axios – MUI – Context)

- Utilized Axios package, Postman and JavaScript codes to implement GET requests from the API.
- Created over 40 components to enhance usability and ensure project scalability.
- Created different contexts to manage global states and passed them through components.
- Implemented filtering and searching functionality using React.js.

Digital Currency Exchange Platform (HTML, CSS, JavaScript, jQuery, Bootstrap, Fetch API)

- Developed a comprehensive digital currency exchange platform encompassing over 10 pages.
- Implemented a dynamic currency calculator feature allowing users to select from a menu of various currencies sourced from an external API, fetching real-time prices, and executing mathematical calculations to convert between different currencies.
- Designed an intuitive user interface with responsive design principles using Bootstrap.

RELATED EXPERIENCE

Front-End Developer

Dec 2021 - Jan 2023

Rabsana, Shiraz, Iran

- Demonstrated exceptional collaborative skills with the back-end and design team, effectively adapting to shifting project requirements and resulting in more than 10 successful projects.
- Worked with a team on projects, taking on more important tasks over time, showing growing leadership skills.
- Collaborated on 25 projects for clients from various industries, demonstrating expertise in software development and scripting.

Front-End Developer As a Freelancer

Jan 2021 - Dec 2021

Freelance, Shiraz, Iran

- Made sure clients and team members could communicate well, helping ideas flow smoothly and teamwork, making projects better.
- Demonstrated adaptability in navigating the dynamic industry landscape, swiftly adjusting to emerging trends and evolving requirements.
- Delivered high-quality results, earning 14 positive feedback from clients.

REFERENCES

Available upon request.